

AMENDMENTS TO THE SPECIFICATION

Applicants have amended the specification.

Please replace the paragraph beginning on page 12, line 1 with the following rewritten paragraph:

When the preventive materials for suppressing generation of radioactive rays are represented with the dose equivalent of neutron, they include elements having dose equivalent equal to or smaller than about 0.2 mSv/h/μA/(solid angle of detector) mSv/h/μA/(solid angle of detector). More preferably, materials having dose equivalent equal to or smaller than about 0.02 mSv/h/μA/ mSv/h/μA/(solid angle of detector) are used.

Please replace the paragraph beginning on page 12, line 8 with the following rewritten paragraph:

When the preventive materials for suppressing generation of radioactive rays are defined with the entire solid angle, the solid angle of the detector is 7.98×10^{-4} sr in the measurement because the sensitive component of the detector is cylindrical with diameter 25.8 mm Φ and height 70 mm and has a length 80 mm from the target to the sensitive component. Thus, the above-mentioned 0.2 mSv/h/μA/ mSv/h/μA/(solid angle of detector) corresponds to $0.2/(7.98 \times 10^{-4})$ mSv/h/μA/sr mSv/h/μA/sr $= 2.5 \times 10^{-1}$ Sv/h/μA/sr Sv/h/μA/sr, and the 0.02 mSv/h/μA/ mSv/h/μA/(solid angle of detector) corresponds to 2.5×10^{-2} Sv/h/μA/sr Sv/h/μA/sr. Therefore, the preventive materials are preferably materials having the dose equivalent for neutrons equal to or smaller than about 2.5×10^{-1} Sv/h/μA/sr Sv/h/μA/sr, and more preferably, they are materials having the dose equivalent for neutrons equal to or smaller than about 2.5×10^{-2} Sv/h/μA/sr Sv/h/μA/sr.